

Receiving Report

Date: 16/8/10

Batch No: 135461

Supplier: ADIAL

Dart P/O: 33320

Packing Slip: Yes / No
 Invoice: Yes / No
 Receipt: Cash Cr /
 New Supplier Yes No /

Release Note Attached: Yes / No N/A
 Waybill Attached: Yes / No
 Shipment Complete: Yes / No N/A
 QC18 Inspection N/A /
 Work Order N/A /

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver QC12 30

Production/Admin:
 Date
 Received/Costing
 Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33320**

Purchase Order Date 8/15/2016

PO Print Date 8/15/2016

Page Number 1 of 1

Order From :
AVIALL
PO BOX 842275

VU-AVI003

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

DALLAS, TX 75284-2275
USA

AUG 15 2016

Contact Name
Vendor Phone 905-676-1695

Ship To Contact
Ship To Phone
Ship Via: FedEx Overnight collect
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB EXW - (Ex Works)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	71400-20	as9174016 ea934 na quart size	8/18/2016 Yes 8/18/2016		1.00 Each <i>10/8/16 SD</i>	\$130.53	\$130.53

Line Total: \$130.5

Deliver To: LAN

PO Total: \$130.5

PO Instructions: Fedex Acc#151793240

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 8/15/2016



PACKING LIST



DELIVERY NUMBER: 8003445884

ROUTE: US FedEx International Priority

PAGE:1 of 1
DATE:15AUG16
TIME:17:17:14
EMP:00026174ORD TYP: ZOR 132
CURRENCY:USD
TERMS:Net 30CUSTOMER PO:PO33320
ORDER NUMBER:1002387069
ORDER DATE:15AUG16B 10003951
I DART AEROSPACE LTD
L 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
T CANADA
OS 10003951
H DART AEROSPACE LTD
I 1270 ABERDEEN STREET
P HAWKESBURY ON K6A 1K7
T CANADA
OS 1000
H AVIALL CENTRAL WAREHOUSE
I DALLAS CDC
P 2750 REGENT BLVD
FROM DFW AIRPORT TX 75261
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM		CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	6P	AS9174016 ADHESIVE: EPOXY,A/B,QT BATCH 7364301997	1	1	0	EA		130.53	130.53
			Exp Date: 02AUG17		1					

16/8/16
SP

This is not an Invoice.
For payment processing, please refer to Invoice.

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.
Diversion contrary to U.S. Law is prohibited.

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Global Quality

15AUG16
Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL
RETURNED MERCHANDISE SUBJECT TO HANDLING
FEE.
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938
AMENDED.

CUSTOMER COPY



Warehouse:
Henkel Corporation
2850 Willow Pass Road
BAY POINT, CA 94565-3237
Tel: 925-458-8000
Fax: 925-458-8030

DELIVERY NOTE

No. 3003456492 Date 06/21/2016

SOLD-TO-ADDRESS

Aviall Inc
PO Box 619048
DALLAS TX 75261-9048
UNITED STATES OF AMERICA

REF: 441537

SHIP-TO-ADDRESS

Aviall Inc
2750 Regent Blvd
DALLAS TX 75261-9048
UNITED STATES OF AMERICA

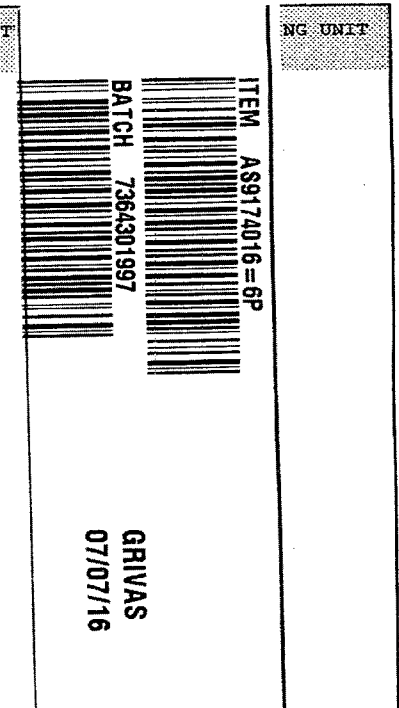
REF: 441537

Ship to acc.:
Contact: Sherita Greason
Tel./Fax:

Ship date: 06/21/2016

Consignee must inspect upon delivery

MATERIAL DESCRIPTION PURCHASE ORDER / COUNTRY of ORIGIN	MATERIAL NO.	QTY ORDERED	QTY SHIPPED UoM	NET WEIGHT	BATCH NUMBER EXPIRATION DATE	QT	NG UNIT
TEMPERATURE STABILITY: 2 °C - 30 °C : LOCTITE EA 9394 QT AERO (A)-1QT (B)-8OZ KIT known as HYSOL EA 9394 QT SYSTEM 20/PO# 45395104 US ECCN: EAR99 License: NLR SPEC: 465 BMS 5-109 TYPE II CLASS 2 GRADE A SPEC: 870 HS-AS9277 TEMPERATURE STABILITY: 2 °C - 30 °C : Delivery: 87133482 created on 06/14/2016	AS9277016 420512	72	EA Old Mat No.: AS9277016 Rev. D Rev. C	 KG LB	122243492 JH6DAJ7148 / 72EA		
LOCTITE EA 934NA QT AERO (A)-1QT (B)-8OZ KIT known as HYSOL EA 934NA QT SYSTEM 10/PO# 45398363 US ECCN: EAR99 License: NLR SPEC: 862 HS-AS9174	AS9174016 420504	240	240 EA Old Mat No.: AS9174016 Rev. C	 KG LB	JH6EAE3066 / 240EA		10x24.000 EA 10x24.000 EA





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REF: 441537

Ship to acc.:
Contact: Sherita Greason
Tel./Fax:

Ship date: 06/21/2016

Consignee must inspect upon delivery

MATERIAL DESCRIPTION	MATERIAL NO.	QTY	QTY	NET WEIGHT	BATCH NUMBER	QTY/PACK	HANDLING UNIT
PURCHASE ORDER / COUNTRY OF ORIGIN		ORDERED	SHIPPED UOM		EXPIRATION DATE		NUMBER
TEMPERATURE STABILITY: 2 °C - 30 °C :					122243399 to 122243409		
Delivery: 87133487 created on 06/14/2016					122243409 to 122243410		
					122243410 to 122243411		
					122243411 to 122243412		
					122243412 to 122243413		
					122243413 to 122243414		
					122243414 to 122243415		
					122243415 to 122243416		
					122243416 to 122243417		
					122243417 to 122243418		
					122243418		
LOCTITE EA 960F QT AERO	AS9375016	48	48 EA			4x24.000 EA	
(A)-QTX2 (B)-QT KIT							
known as HYSOL EA 960F QUART SYSTEM							
10/PO# 45412339							
US	1515810						
ECCN: EAR99 License: NLR							
			Old Mat No.: AS9375016				
				Subtotal Net Weight of the item:			
				0.000 KG	0.000 LB		
				KG JH6EAC1709 / 14EA		4x12.000 EA	
				LB		1x12.000 EA	



Warehouse:
Henkel Corporation
2850 Willow Pass Road
BAY POINT, CA 94565-3237
Tel: 925-458-8000
Fax: 925-458-8030

DELIVERY NOTE

No. 3003456492 Date 06/21/2016

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Ship to acc.:
Contact: Sherita Greason
Tel./Fax:

Ship date: 06/21/2016

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MATERIAL DESCRIPTION	MATERIAL NO.	QTY	QTY	NET WEIGHT	BATCH NUMBER	QTY/PACK	HANDLING UNIT
PURCHASE ORDER / COUNTRY OF ORIGIN		ORDERED	SHIPPED UoM		EXPIRATION DATE		NUMBER
SPEC: 855 HS-AS9375		Rev. C		KG LB	JH6EAE8598 / 34EA 122242741 to 122242745 122242745 to 122242746 122242746 to 122242747 122242747 122242948 122242948 122242948	2x12.000 EA 1x2.000 EA 1x10.000 EA	
TEMPERATURE STABILITY: 2 °C - 30 °C :							
Total Net weight : 545.400 KG / 1,202.407 LB							
Total gross weight : 647.280 KG / 1,427.016 LB							
Total packages : 46							
Carrier : FedEx Freight Economy							
Carrier trailer number :							
Transport type : LTL / Commuter							
Incoterms : FCA Free Carrier - NOT DEFINED							
PRO-BILL No. :							
VENDOR# 68126							
PRICING IS THE MOST UPDATED PRICING FOR CURRENT YEAR.							

Shipment No.:



3003456492



Warehouse:
Henkel Corporation
2850 Willow Pass Road
BAY POINT, CA 94565-3237
Tel: 925-458-8000
Fax: 925-458-8030

46

DELIVERY NOTE

No. 3003456492 Date 06/21/2016

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UNITED STATES OF AMERICA

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UNITED STATES OF AMERICA

REF: 441537

Ship to acc.:
Contact: Sherita Greason
Tel./Fax:

Ship date: 06/21/2016

Consignee must inspect upon delivery

MATERIAL DESCRIPTION	MATERIAL NO.	QTY ORDERED	QTY SHIPPED UOM	NET WEIGHT	BATCH NUMBER EXPIRATION DATE	QTY/PACK	HANDLING UNIT NUMBER
Delivery: 87133480 created on 06/14/2016							
LOCTITE EA 956 QT AERO (A)-QT (B)-PT KIT known as HYSOL EA 956 QT SYSTEM 10/PO# 45395104 US ECCN: EAR99 License: NLR SPEC: 860 HS-AS9112 TEMPERATURE STABILITY: 2 °C - 30 °C :	AS9112016	144	144 EA			6x24.000 EA	
	420502		Old Mat No.: AS9112016		KG JH6CAD3797 / 144EA LB 122243456 to 122243461		
			Rev. E				
Delivery: 87133481 created on 06/14/2016							
LOCTITE EA 9394 QT AERO (A)-1QT (B)-8OZ KIT known as HYSOL EA 9394 QT SYSTEM 20/PO# 45395104 US ECCN: EAR99 License: NLR SPEC: 465 BMS 5-109 TYPE II CLASS 2 GRADE A SPEC: 870 HS-AS9277	AS9277016	72	72 EA			3x24.000 EA	
	420512		Old Mat No.: AS9277016				
			Rev. D Rev. C		122243487 to 122243490 122243490 to 122243491 122243491 to 122243492	3x24.000 EA 3x24.000 EA	

Henkel

Certificate of Analysis

Attention of:
Garcia, Steve
Aviall
2750 REGENT BLVD
DALLAS TX 75261

DATE
PAGE

21 June 2016
1 of 1

Purchase Order: 45398363
Date of P.O.: 11 March 2016
Sales Order: 90856475
Delivery Note or Debit Memo: 87133482
Delivery Note position: 900001
Customer No.: 441537

Material: LOCTITE EA 934NA QT AERO
(A)-1QT (B)-8OZ KIT
Known as: HYSOL EA 934NA QT SYSTEM
Material-No: 420504
Legacy Code: AS9174016
Bulk Material: 891959
Batch no: JH6EAE3066
Shipment Quantity: 240.000 EA
Manufacture date: 03 May 2016
Specification: HS-AS9174
Comments: NOTE: SPECIFICATION REQUIREMENT APPLIES TO AVERAGE RESULT ONLY

Revision: C

Batch Tested	Test Properties	Specification	Individuals	Avg	UOM
JH6E003066	Color , Pt A - Gray	—	OK	-	-
JH6E003066	Appearance , Pt A - Uniform paste; NFM	—	OK	-	-
JH6E003066	Weight per Epoxide , Pt A	174.00-190.00	174.38,175.93	175.16	g/eq
JH6E003066	Filler Content , Pt A	43.00-46.00	43.79,43.95	43.87	%(mass)
JH6E003066	Viscosity , Pt A@77F (HBT#7, 20rpm)	3500-9000	4050,4140,4240	4143	poise
JH6E003066	Density , Pt A@77F	1.48-1.55	1.52	1.52	g per ml
JH6E003066	Color Value , Pt B (Gardner scale)	4-12	7	7	-
JH6E003066	Appearance , Pt B - Semi-transparent liquid; NFM	—	OK	-	-
JH6E003066	Amine Content , Pt B	11.80-14.00	13.27,13.45	13.36	%
JH6E003066	Viscosity , Pt B@77F (HBT#1, 20rpm)	10-30	26,26,26	26	poise
JH6E003066	Density , Pt B@77F	0.95-0.97	0.96	0.96	g per ml
JH6E003066	Barcol Hardness , Barcol@77F	> = 70	76,76,77,78	77	-
JH6E003066	Cured Density , Pt A&Pt B @77F Combined	1.28-1.38	1.31,1.32,1.35	1.33	g per ml
JH6E003066	Pot Life , 450gms@77F	40-60	51	51	minute(s)
JH6E003066	Tensile Shear , TS@77F i00 (Bare/PAA)	> = 3000	3160,3240,3400,3440	3398	lb/sq.inch
JH6E003066	Tensile Shear , TS@180F i00 (Bare/PAA)	> = 2000	3520,3630 1950,1950,2060,2090	2040	lb/sq.inch
JH6E003066	Tensile Shear , TS@300F i00 (Bare/PAA)	> = 1000	2090,2100 980,1120,1190,1270	1207	lb/sq.inch
JH6E003066	Date Of Testing ,	May 20, 2016	1290,1390	-	-

The above identified product conforms to all requirements listed above at the date and place of shipment from Henkel. If altered in any manner this test report is not valid. Test reports are available for inspection at Henkel Corporation, Bay Point, California. Henkel warrants this product for 12 months from the date of shipment from Henkel or an authorized distributor when stored at a temperature of <=40F / <= 4C. The warranty set forth is exclusively for the benefit of any recipient of the above identified product shipped directly from Henkel or a distributor that has been expressly authorized in writing by Henkel to provide such warranty on behalf of Henkel. Unless received directly from Henkel, please refer to the provider's certified letter from Henkel that establishes them as a Henkel authorized entity.

Signed Test Report on File

Henkel Quality Assurance

Henkel Corporation,
Aerospace Group
2850 Willow Pass Road
Bay Point, CA 94565-3237

Date of Shipment: 21 June 2016

Tel.: (925) 458-8000
Fax: (925) 458 8030
www.aerospace.henkel.com



Revision Number: 003.0

Issue date: 08/06/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE EA 934NA AERO PART A QT
known as EA 934NA PART A QUART
Product type: Adhesive for the Aerospace Industry
Restriction of Use: None identified
Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

IDH number: 936944
Item number: AA9174016
Region: United States
Contact information:
Telephone: (860) 571-5100
MEDICAL EMERGENCY Phone: Poison Control Center
1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC
1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

WARNING: HARMFUL IF SWALLOWED.
CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.
MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3

PICTOGRAM(S)**Precautionary Statements**

Prevention: Avoid breathing dust or fumes. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.

Response: If SWALLOWED: Immediately call poison control or physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Call a poison control center or physician if you feel unwell. Rinse mouth. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

IDH number: 936944

Product name: LOCTITE EA 934NA AERO PART A QT known as EA 934NA PART A QUART

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Triglycidyl-p-aminophenol	5026-74-4	30 - 60
Aluminum	7429-90-5	30 - 60
Epoxy resin	Proprietary	10 - 30
Glass, oxide, chemicals	65997-17-3	5 - 10
Silica, amorphous, fumed, crystal-free	112945-52-5	1 - 5
Treated fumed silica	67762-90-7	1 - 5

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.
Skin contact:	Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion:	Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.
Symptoms:	See Section 11.
Notes to physician:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear full protective clothing. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.
Hazardous combustion products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.
Clean-up methods:	Scrape up spilled material and place in a closed container for disposal. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

Handling:

For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Do not heat Part A at temperatures greater than 80 °C (176 °F). This material may self-react at higher temperatures and cause an exotherm. The exotherm has the potential for release of excessive energy and toxic gasses. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.

Storage:

For safe storage, store between 0 °C (32°F) and 5 °C (41°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Refrigerated storage is recommended to maintain product quality.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Triglycidyl-p-aminophenol	None	None	None	None
Aluminum	1 mg/m3 TWA Respirable fraction.	5 mg/m3 PEL (as Al) Respirable dust. 15 mg/m3 PEL (as Al) Total dust.	None	None
Epoxy resin	None	None	None	None
Glass, oxide, chemicals	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Silica, amorphous, fumed, crystal-free	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 0.8 mg/m3 TWA	None	None
Treated fumed silica	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None

Engineering controls:

Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection:

When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.

Eye/face protection:

Safety goggles or safety glasses with side shields.

Skin protection:

Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:
Color:
Odor:
Odor threshold:
pH:
Vapor pressure:
Boiling point/range:

Solid
Gray
Slight
Not available.
Neutral
Not applicable
Not determined

Melting point/ range:	Not determined
Specific gravity:	1.55
Vapor density:	> 1
Flash point:	> 93 °C (> 199.4 °F)
Flammable/Explosive limits - lower:	Not determined
Flammable/Explosive limits - upper:	Not determined
Autoignition temperature:	Not determined
Evaporation rate:	Not determined
Solubility in water:	Slight
Partition coefficient (n-octanol/water):	Not determined
VOC content:	< 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated)
Viscosity:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.
Hazardous reactions:	May occur.
Hazardous decomposition products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.
Incompatible materials:	Keep away from strong oxidizing agents, strong Lewis or mineral acids.
Reactivity:	Not available.
Conditions to avoid:	Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Do not heat mixed adhesive unless curing surfaces to be bonded. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

11. TOXICOLOGICAL INFORMATION

Product toxicity data:	Henkel is not aware of any toxicity data on the specific mixture of chemical components contained in this product.
Relevant routes of exposure:	Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.
Skin contact: This product may cause irritation to the skin. This product may cause an allergic skin reaction.
Eye contact: This product may cause irritation to the eyes.
Ingestion: Not a relevant route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Triglycidyl-p-aminophenol	None	Allergen, Irritant, Mutagen
Aluminum	None	Central nervous system, Irritant, Lung
Epoxy resin	None	Allergen, Irritant
Glass, oxide, chemicals	None	Allergen, Respiratory
Silica, amorphous, fumed, crystal-free	None	Nuisance dust
Treated fumed silica	None	Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Triglycidyl-p-aminophenol	No	No	No
Aluminum	No	No	No
Epoxy resin	No	No	No
Glass, oxide, chemicals	No	No	No
Silica, amorphous, fumed, crystal-free	No	No	No
Treated fumed silica	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Toxic to aquatic organisms

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Triglycidyl-p-aminophenol, Bisphenol-F Epichlorhydrin resin)
Hazard class or division: 9
Identification number: UN 3077
Packing group: III



Revision Number: 002.4

Issue date: 11/13/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	LOCTITE EA 934NA AERO PART B 8OZ known as EA 934NA PART B 8 OZ	IDH number:	936945
Product type:	Adhesive for the Aerospace Industry	Item number:	AB9174014
Restriction of Use:	None identified	Region:	United States
Company address:	Contact information:		
Henkel Corporation	Telephone: (860) 571-5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	1-877-671-4608 (toll free) or 1-303-592-1711		
	TRANSPORT EMERGENCY Phone: CHEMTREC		
	1-800-424-9300 (toll free) or 1-703-527-3887		
	Internet: www.henkelna.com		

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

DANGER: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
MAY CAUSE AN ALLERGIC SKIN REACTION.
MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING
DIFFICULTIES IF INHALED.

HAZARD CLASS	HAZARD CATEGORY
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1
RESPIRATORY SENSITIZATION	1
SKIN SENSITIZATION	1

PICTOGRAM(S)**Precautionary Statements**

Prevention:	Do not breathe vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection. In case of inadequate ventilation wear respiratory protection.
Response:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Immediately call a poison control center or physician. If skin irritation or rash occurs: Get medical attention. If experiencing respiratory symptoms: Call a poison center or physician. Wash contaminated clothing before reuse.
Storage:	Store locked up.
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

IDH number: 936945

Product name: LOCTITE EA 934NA AERO PART B 8OZ known as EA 934NA PART B 8 OZ

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Amine adduct	Proprietary	60 - 100
Diethylenetriamine	111-40-0	10 - 30
Triethylenetetramine	112-24-3	1 - 5

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.
Skin contact:	Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion:	Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.
Symptoms:	See Section 11.
Notes to physician:	Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear full protective clothing. Wear self-contained breathing apparatus.
Unusual fire or explosion hazards:	May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.
Hazardous combustion products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.
Clean-up methods:	Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

7. HANDLING AND STORAGE

Handling:

For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Do not heat Part B at temperatures greater than 100 °C (212 °F). This material may self-react at higher temperatures and cause an exotherm. The exotherm has the potential for release of excessive energy and toxic gasses. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full. Do not cut, grind, weld, or drill on or near this container.

Storage:

For safe storage, store between 0 °C (32°F) and 25 °C (77°F)
Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Amine adduct	None	None	None	None
Diethylenetriamine	1 ppm TWA (SKIN)	None	None	None
Triethylenetetramine	None	None	1 ppm (6 mg/m3) TWA (SKIN)	None

Engineering controls:

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Respiratory protection:

If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Eye/face protection:

Wear chemical goggles; face shield (if splashing is possible).

Skin protection:

Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Amber
Odor:	ammoniacal
Odor threshold:	Not available.
pH:	Not determined
Vapor pressure:	< 1.0 mm hg (20 °C (68°F))
Boiling point/range:	207 °C (404.6 °F)
Melting point/ range:	Not determined
Specific gravity:	0.96
Vapor density:	Not determined
Flash point:	> 93 °C (> 199.4 °F)
Flammable/Explosive limits - lower:	Not determined
Flammable/Explosive limits - upper:	Not determined
Autoignition temperature:	Not determined
Evaporation rate:	Not determined
Solubility in water:	Soluble
Partition coefficient (n-octanol/water):	Not determined
VOC content:	< 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated)
Viscosity:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.
Hazardous reactions:	May occur.
Hazardous decomposition products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.
Incompatible materials:	Keep away from strong oxidizing agents, strong Lewis or mineral acids.
Reactivity:	Not available.
Conditions to avoid:	Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Do not heat mixed adhesive unless curing surfaces to be bonded. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Henkel is not aware of any toxicity data on the specific mixture of chemical components contained in this product.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation:	Mists, vapors or liquid may cause severe irritation or burns.
Skin contact:	This product is severely irritating to the skin and may cause burns. This product may cause an allergic skin reaction.
Eye contact:	This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness.
Ingestion:	Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Amine adduct	None	No Records
Diethylenetriamine	Oral LD50 (RAT) = 1,080 mg/kg Oral LD50 (RAT) = 2.33 g/kg Oral LD50 (RAT) Approximate 1,140 mg/kg	Allergen, Irritant, Eyes
Triethylenetetramine	None	Allergen, Corrosive, Developmental, Irritant, Mutagen

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Amine adduct	No	No	No
Diethylenetriamine	No	No	No
Triethylenetetramine	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Amines, liquid, corrosive, n.o.s. (Diethylenetriamine, Triethylenetetramine)
Hazard class or division: 8
Identification number: UN 2735
Packing group: II

International Air Transportation (ICAO/IATA)

Proper shipping name: Amines, liquid, corrosive, n.o.s. (Diethylenetriamine, Triethylenetetramine)
Hazard class or division: 8
Identification number: UN 2735
Packing group: II

Water Transportation (IMO/IMDG)

Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Diethylenetriamine, Triethylenetetramine, C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer)
Hazard class or division: 8
Identification number: UN 2735
Packing group: II
Marine pollutant: C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA Section 313: None above reporting de minimis

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: This Safety Data Sheet contains changes from the previous version in Section(s):
14

Prepared by: Mark Mau, Regulatory Affairs Specialist

Issue date: 11/13/2014

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper AVIALL SERVICES INC 2750 REGENT BLVD DFW AIRPORT, TX, 75261 U.S.A.	Air Waybill No. 669654010706 Page 1 of 1 Pages Shipper's Reference Number 8003445884 (optional)
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Consignee DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY, ON, K6A 1K7 Canada	Created using International Air regulations and FedEx carrier variations. LABELMASTER SOFTWARE
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Two completed and signed copies of this declaration must be handed to the operator.

TRANSPORT DETAILS			
This shipment is within the limitations prescribed for: (delete non-applicable) <table border="1"> <tr> <td>PASSENGER AND CARGO AIRCRAFT</td> <td>XXXXXXX</td> </tr> </table>	PASSENGER AND CARGO AIRCRAFT	XXXXXXX	Airport of Departure:
PASSENGER AND CARGO AIRCRAFT	XXXXXXX		

WARNING

Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.

Airport of Destination:	Shipment type: (delete non-applicable) <table border="1"> <tr> <td>NON-RADIOACTIVE</td> <td>RADIOACTIVE XXXXXXXXXX</td> </tr> </table>	NON-RADIOACTIVE	RADIOACTIVE XXXXXXXXXX
NON-RADIOACTIVE	RADIOACTIVE XXXXXXXXXX		

NATURE AND QUANTITY OF DANGEROUS GOODS						
Dangerous Goods Identification						
UN or ID No.	Proper Shipping Name	Class or Division (Subsidiary Risk)	Packing Group	Quantity and type of packing	Packing Inst.	Authorization
UN2735	Amines, liquid, corrosive, n.o.s. (Diethylenetriamine, Triethylenetetramine)	8	II	1 Fibreboard Box x 0.25 L	851	

Additional Handling Information Emergency Contact Name: CCN2132 . 24 hr. Emergency Contact Tel. No. 1-800-424-9300 // INTL +1-703-527-3887

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I declare that all of the applicable air transport requirements have been met.	Name/Title of signatory Kaikeo Kethavong Hazardous Shipper Place and Date Dallas Tx, 75261 8/15/2016 Signature <i>Kaikeo Kethavong</i> (see warning above)
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SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper AVIALL SERVICES INC 2750 REGENT BLVD DFW AIRPORT, TX, 75261 U.S.A.		Air Waybill No. 669654010706 <div style="text-align: center;">Page 1 of 1 Pages</div> Shipper's Reference Number 8003445884 <small>(optional)</small>					
Consignee DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY, ON, K6A 1K7 Canada		LABELMASTER[®] SOFTWARE					
Two completed and signed copies of this declaration must be handed to the operator.		WARNING Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.					
TRANSPORT DETAILS <div style="border: 1px solid black; padding: 5px;"><div style="display: flex; justify-content: space-between;"><div style="width: 60%;">This shipment is within the limitations prescribed for: <i>(delete non-applicable)</i> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">PASSENGER AND CARGO AIRCRAFT</td><td style="width: 50%; text-align: center;">XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX</td></tr></table></div><div style="width: 35%;">Airport of Departure:</div></div></div>		PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX	<div style="border: 1px solid black; padding: 5px;">Shipment type: <i>(delete non-applicable)</i> <table style="width: 100%;"><tr><td style="width: 50%;">NON-RADIOACTIVE</td><td style="width: 50%; text-align: center;">XXXXXXXXXXXX</td></tr></table></div>		NON-RADIOACTIVE	XXXXXXXXXXXX
PASSENGER AND CARGO AIRCRAFT	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX						
NON-RADIOACTIVE	XXXXXXXXXXXX						
Airport of Destination:							
NATURE AND QUANTITY OF DANGEROUS GOODS							
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SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Shipper AVIALL SERVICES INC
2750 REGENT BLVD
DFW AIRPORT, TX, 75261
U.S.A.

Air Waybill No. 669654010706

Page 1 of 1 Pages

Shipper's Reference Number
(optional)

8003445884

Consignee DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A 1K7
Canada

LABELMASTER
SOFTWARECreated using
International Air
regulations and
FedEx carrier
variations.Two completed and signed copies of this declaration
must be handed to the operator.

WARNING

Failure to comply in all respects with the applicable
Dangerous Goods Regulations may be in breach of the
applicable law, subject to legal penalties.

TRANSPORT DETAILS

This shipment is within the
limitations prescribed for:
(delete non-applicable)

Airport of Departure:

PASSENGER
AND CARGO
AIRCRAFT~~CARGO~~
~~AIRCRAFT~~
~~XXXXXX~~
~~XXXXXX~~

Airport of Destination:

Shipment type: (delete non-applicable)

NON-RADIOACTIVE

~~RADIOACTIVE~~
~~XXXXXXXXXX~~

NATURE AND QUANTITY OF DANGEROUS GOODS

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respects in proper condition for transport according to applicable
international and national governmental regulations. I declare that all of the
applicable air transport requirements have been met.

Name/Title of signatory

Kaikoo Kethavong

Hazardous Shipper

Place and Date Dallas Tx, 75261 8/15/2016

Signature

(see warning above)

Kaiko Kethavong